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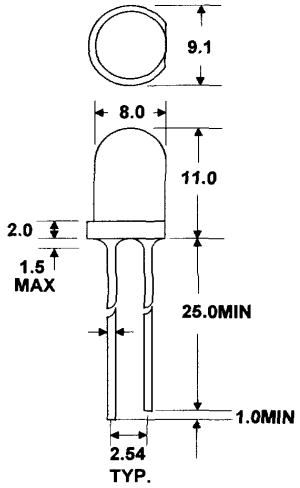
Jameco Part Number 137621

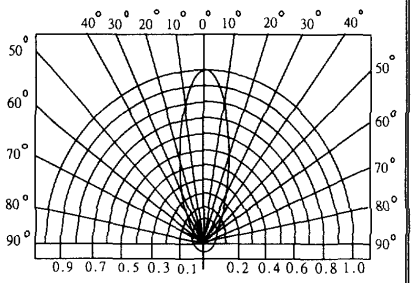
LIGITEK

SUPER BRIGHT ROUND TYPE LED LAMPS **LVX3930** SERIES

PACKAGE DIMENSION



RADIATION



note:1. all dimension are in millimeter tolerance is ±0.25mm
2. protruded resin under flange is 1.5mm max

- **PART SELECTION AND APPLICATION INFORMATION (RATINGS AT 25°C AMBIENT)**

PART NO	MATERIAL	COLOR		peak wave length	spectral halfwidth	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle
		Emitted	*LEN'S*	λPnm	Δλ nm	*Min*	*Max*	*Min*	*TYP.*	2θ 1/2 (deg)
LSR3930	GaAlAs	RED	red diffused	660	20	1.5	2.4	28	50	44
LHR3930	GaAlAs	RED	red diffused	660	20	1.5	2.4	50	100	44
LUR3930	GaAlAs	RED	RED diffused	660	20	1.5	2.4	120	240	44
LVG3930	GaP	GREEN	GREEN diffused	565	30	1.7	2.8	21	40	44
LVY3930	GaAsP/GaP	YELLOW	YELLOW DIFFUSED	585	35	1.7	2.8	21	36	44
LVR3930	GaAsP/GaP	ORANGE	ORANGE diffused	635	45	1.7	2.8	21	40	44

- **abSolute maximum rating (Ta=25°c)**

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	SR	*HR*	*UR*	*VG*		*VY*			*VR*	*E*		
forward current	40	40	40	30		20			30		mA	
peak current duty 1/10 @1khz	200	200	200	120		80			120		mA	
power dissipation dissipatin	80			100		60			100		mW	
reverse CURRENT @5V	100			100		100			100		μA	
operating temperature	-40°C TO +85°C											
storage temperature	-40°C TO +100°C											

lead soldering temperature 260°C for 5 seconds (2.0mm from body)

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